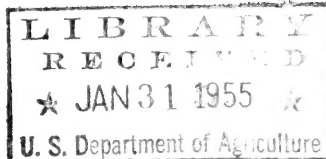


1955

Be



Leatherman's Gardens

2637 N. Lee Ave.

El Monte, California

BEGONIA AND FERN SPECIALISTS—

Dear Friends,

Once again we feel privileged to send our list. Our begonia and fern collection is considered one of the best on the West Coast.

Listed you will find the good old standbys along with new hybrids we have tested and which have proven themselves.

We extend an invitation to you to visit us if you are in our vicinity. We are located eleven miles east of Los Angeles. Telephone FOrest 8-5742 for directions. If you will contact us ahead of time, we will be happy to arrange our schedule to enable us to spend some time with you.

Again thank you for your past patronage and for the opportunity of offering our plants. Happy growing.

Sincerely Yours,

A handwritten signature in cursive script that reads "Sylvia & Buck Leatherman".

Sylvia & Buck Leatherman

1-10-1900

PROV. OF ALABAMA

IN SENATE

REPORT

OF THE

COMMISSIONER

OF THE

SALES CONDITIONS
PLEASE READ BEFORE ORDERING

We guarantee all plants to be labeled true to name to the best of our knowledge.

Prices quoted are for strong, well rooted plants and are shipped in 2½ in. plastic pots. The plants have been growing in the pots they are shipped in and therefore the roots are not disturbed or damaged. The plants are carefully wrapped in damp sphagnum moss and heavy wax paper so as to reach you in perfect condition.

Shipping dates will vary with various localities. Spring shipping will start as soon as there is no danger of the plants freezing in transit. Spring shipping starts in most districts about March 10, and we can continue shipping until about June 30. Fall shipping commences as soon as the real hot weather is past, about September 15, and continues when weather permits to about November 30. Plants will be reserved on orders placed previous to shipping schedule and sent as soon as weather permits.

We have a heavy stock on varieties listed. However at times we are temporarily out of stock on some varieties. Therefore, please state if you are willing to accept a substitution or prefer a refund. Substituting will be done only with the customer's consent and a variety as good or better will be sent. Giving us a second choice will be a great help.

Orders of \$5.00 and over will be sent postpaid, postage costs have been added to the plant price, thus eliminating the forwarding later of postage due. Due to handling, etc., on orders under \$5.00 please add 50¢ to each order. Postpaid prices are good in the U. S. A. only. Customers outside of the U. S. A., contact us as to shipping costs, etc. California customers add 3% sales tax.

Plants are shipped via parcel post. If you prefer Railway Express shipping or Air Mail state so and we will add a plant or plants to compensate you for postage. Plants shipped in this manner are sent freight collect. We do not ship plants C.O.D.

For safer and faster delivery, advisable for all distant points, we suggest you add either of the following: 45¢ for each order for Special Delivery. Rural districts add 20¢ to each order for Special Handling.

Due to the increase in postage customers desiring larger plants, shipped in 3 inch plastic pots, in which the plants have been growing, please add 50¢ to each plant. These are larger plants and will develop much faster.

Limited stock on many varieties makes it impossible to list all varieties we grow. If you do not find a variety listed you are seeking, write to us, we may have it.

All orders are acknowledged when received and full culture instructions are sent.

All plants are individually labeled.

Order early to be assured of the varieties you desire.

ORDER BLANK

LEATHERMAN'S GARDENS
2637 North Lee Avenue
El Monte, California

Order No.

Date

Ack.

Shpd.

Name

Street or R.F.D.

City or Town

State

AMOUNT ENCLOSED

Money Order

Check

Cash

No.	Variety	2nd Choice	Price

California customers add 3% sales tax.

TOTAL

If sold out of variety ordered may we substitute?...YES

.....NO

- R04 SPIDER WEB (medium) E. Frey. Upright. Leaf twists and spirals. Small irregular green center. Midsection silver-green, glossy, with faint pastel tints. Edge green, silver-green spots.
- R05 DON GWINUP (large) S. B. Leatherman. 1954. Spiral. Named for a buddy of our son. A Kansas boy, served in the U.S.M.C. Center blue-green. Midsection, rough, silver with a pink cast. Border, irregular, bright green, silver markings.
- R06 ART ANTHONY (large) S. B. Leatherman, 1954. An El Monte boy, U.S.M.C. Spiral. Margin, dark hair line. Small dark center. Balance of leaf a pleasing silver-blue which is rough textured.
- R07 BOB SMITH (large) S. B. Leatherman, 1954. An El Monte boy. Buddy of our other son. Served on the U.S.C.C. Gresham. Margin red-black. Border bright green, silver spots. Midsection blue-silver with pink casts. Center, tiny eye, red-black. White hairs over entire leaf.
- R08 DALE ANDREWS (large) S. B. Leatherman, 1954. An El Monte boy. Buddy of our son. Served on the U.S.C.C. Gresham. Margin brown. Center brown with bright-green blendings. Midsection, green, artistically overlaid with silver. Upright.
- R09 BRONCO (medium) S. B. Leatherman, 1954. Named for the mascot of California State Polytechnic College, San Dimas. Spiral. Margin, rose-pink. Border olive-green, irregular silver spots. Midsection, blistered, silver-green. Center, irregular olive-green veinings. White hairs, tipped red, sparsely scattered over entire leaf. There is an extra little curl and swirl in the spiral.

The above Rex Begonias \$1.50 ea.

3 for \$4.00

6 for \$7.50

Plants are shipped via parcel post. All the water daily to the plants. We will state to you when the plants are shipped in this manner and when they are shipped in this manner.

For better and faster delivery, please order all plants in one order. We will state to you when the plants are shipped in this manner and when they are shipped in this manner.

Due to the increase in postage we are now shipping plants in plastic pots, in which the plants have been growing, and we will ship them in plastic pots. These are large plants and will arrive much faster.

limited stock on many varieties. It is impossible to list all varieties we carry. If you do not find a variety listed, you are asking, write to us, we may have it.

All orders are acknowledged when received and full instructions are given.

All plants are individually labeled.

Order early to be assured of the varieties you desire.

REX BEGONIAS

Rex Begonias are grown for their exquisite, colorful and exotic foliage. It is impossible to describe all the colorings and blendings of the various varieties. The descriptions given are the main basic colorings. Colors will vary in depth and brightness under different growing conditions. The colors will be brighter when grown where no direct sun rays shine on them. However they do need good light.

The size and shape of the leaf is of interest to most growers. There are large, medium and small leaves and therefore one can have plants that will fit the growing position. There are rexes that have creeping rhizomes and there are the types that are upright growers. Those growing upright have cane like stems and these must be staked. They are more like a small tree in habit of growth.

Rex Begonias to be successfully grown require a high humidity. The very soft hairy leaved varieties require a much higher humidity than those with very heavy textured leaves. Rex Begonias do not resent heat if the humidity can be provided.

Leaf sizes given are approximately the diameter of a fully developed leaf. Following are the leaf sizes our plants attain. The leaf sizes are in parentheses after the name of each variety.

MINIATURE and SMALL diameter up to 4 inches
MEDIUM diameter up to 7 inches
LARGE diameter up to 12 inches.

The following list of rex begonias have been grown by us for a lengthy period and all have proven themselves. There are a very few of the varieties that are more difficult to grow and we have noted same. The varieties we list are all different in appearance so our customers will not have varieties too much alike.

REX BEGONIAS

- R04 SPIDER WEB (medium) E. Frey. Upright. Leaf twists and spirals. Small irregular green center. Midsection silver-green, glossy, with faint pastel tints. Edge green, silver-green spots.
- R05 DON GWINUP (large) S. B. Leatherman, 1954. Spiral. Named for a buddy of our son. A Kansas boy, served in the U.S.M.C. Center blue-green. Midsection, rough, silver with a pink cast. Border, irregular, bright green, silver markings.
- R06 ART ANTHONY (large) S. B. Leatherman, 1954. An El Monte boy, U.S.M.C. Spiral. Margin, dark hair line. Small dark center. Balance of leaf a pleasing silver-blue which is rough textured.
- R07 BOB SMITH (large) S. B. Leatherman, 1954. An El Monte boy. Buddy of our other son. Served on the U.S.C.C. Gresham. Margin red-black. Border bright green, silver spots. Midsection blue-silver with pink casts. Center, tiny eye, red-black. White hairs over entire leaf.
- R08 DALE ANDREWS (large) S. B. Leatherman, 1954. An El Monte boy. Buddy of our son. Served on the U.S.C.C. Gresham. Margin brown. Center brown with bright-green blendings. Midsection, green, artistically overlaid with silver. Upright.
- R09 ERONCO (medium) S. B. Leatherman, 1954. Named for the mascot of California State Polytechnic College, San Dimas. Spiral. Margin, rose-pink. Border olive-green, irregular silver spots. Midsection, blistered, silver-green. Center, irregular olive-green veinings. White hairs, tipped red, sparsely scattered over entire leaf. There is an extra little curl and swirl in the spiral.

The above Rex Begonias \$1.50 ea.

3 for \$4.00

6 for \$7.50

REX BEGONIAS

Rex Begonias are grown for their exquisite, colorful and exotic foliage. It is impossible to describe all the colorings and bandings of the various varieties. The descriptions given are the main basic colorings. Colors will vary in depth and brightness under different growing conditions. The colors will be brighter when grown where no direct sun rays shine on them. However they do need good light.

The size and shape of the leaf is of interest to most growers. There are large, medium and small leaves and therefore one can have plants that will fit the growing position. There are rexes that have creeping stems and there are the types that are upright growers. Those growing upright have cane like stems and these must be staked. They are more like a small tree in habit of growth.

Rex Begonias do not necessarily grow requiring a high humidity. The very soft hairy leaved varieties require a much higher humidity than those with very heavy textured leaves. Rex Begonias do not resist heat if the humidity can be provided.

Leaf sizes given are approximately the diameter of a fully developed leaf. Following are the leaf sizes of plants at hand. The leaf sizes are in parentheses after the name of each variety.

MINIATURE and SMALL diameter up to 4 inches
MEDIUM diameter up to 7 inches
LARGE diameter up to 12 inches

The following list of rex begonias have been grown by us for a lengthy period and all have proven themselves. There are a very few of the varieties that are more difficult to grow and we have noted same. The varieties we list are all different in appearance so our customers will not have varieties too much alike.

REX BEGONIAS

ROB SPIDER WEB (medium) 2. B. Leatherman, 1951. Upright. Leaf white and spirally. Small irregular green center. Midsection silver-green, glossy, with faint pastel tints. Edge green, silver-green spots.

ROS DON DWINUP (large) 2. B. Leatherman, 1951. Spiral. Named for a buddy of our son. A Kansas boy, served in the U.S.M.C. Center blue-green. Midsection, rose, silver-ver with a pink cast. Border, irregular, bright green, silver markings.

ROD ART ANTHONY (large) 2. B. Leatherman, 1951. An El Monte boy, U.S.M.C. Spiral. Rose-gin, dark hair line. Small dark center. Balance of leaf a pleasing silver-blue which is rough textured.

ROY BOB SMITH (large) 2. B. Leatherman, 1951. An El Monte boy. Buddy of our other son. Served on the U.S.C.C. Greenham. Margin red-black. Border bright green. silver spots. Midsection blue-silver with pink casts. Center, tiny eye, red-black. White hairs over entire leaf.

ROB DALE ANDREWS (large) 2. B. Leatherman, 1951. An El Monte boy. Buddy of our son. Served on the U.S.C.C. Greenham. Margin brown. Center brown with bright green bandings. Midsection, green, artistically overlaid with silver, upright.

ROD BRONCO (medium) 2. B. Leatherman, 1951. Named for the mascot of California State Polytechnic College, San Dimas. Spiral. Margin, rose-pink. Border olive-green. Irregular silver spots. Midsection, blotched, silver-green. Center, irregular olive-green markings. White hairs, tipped red, sparsely scattered over entire leaf. There is an extra little curl and swirl in the spiral.

REX BEGONIAS

- R10 DEW DROP (Miniature) Silver leaf, blue-grey center and veins, overlaid with pink flush. Silver sections between veins are raised. Leaf has a tendency to cup.
- R11 COREA (Miniature) R. Berry. Deep maroon center. Midsection a blending of blue-grey with shades of pink. Irregular border of deep green, lightly splashed with silver. Fine red margin.
- R12 TAPESTRY (Miniature) Deep maroon center shading to bright rosey pink. Border emerald green with irregular silver splashes. Narrow bright maroon edge.
- R13 MAIDEN'S BLUSH (Miniature) Leaf has a deep maroon center. Irregular edges of deep maroon. Balance of leaf in shades of pink.
- R14 RAMONA (Miniature) Center of deep maroon shading to grape-red. Border of bright aqua-blue. Narrow edge of grape-red.
- R15 LUCY CLOSSON (Miniature) Leaves deep, rich red-purple with sections of bright purple. Deep purple center and border.
- R16 CURLY CLOSSON (Miniature) Spiral. Leaves deep red-purple and sections of bright purple. Flecks of silver.
- R17 PANSY (Miniature) R. Berry. Center of leaf has a black eye. Grey-blue leaf is overlaid with bright pink hues. The bright pink predominating. Upright.
- R18 ROY BERRY'S NO. 42 (Miniature) A rare blending of shades of rose and pink. Center and fine edge of deep rose pink.
- R19 RED BERRY (Miniature) Also called RED STAR. Slightly lobed leaf is of one solid color, rich, bright wine-red.
- R20 FIREFLUSH (Medium) Soft, hairy leaves of brilliant green. Deep red center and narrow edge. Entire leaf is covered with brilliant red hairs. Considered difficult to grow.
- R21 CURLY SILVER SWEET (Medium) Woodruff. Spiral. Silver sections between dark veins are raised and puckered. Upright.
- R22 PRINCE CHARMING (Medium) Frey. Olive green center and edge overlaid with a rosey cast. Midsection Pea-green overlaid with soft silver. Soft rose hairs over entire leaf which gives the leaf a rosey cast. Considered hard to grow.
- R23 SILVER THREADS (large) W. C. Mueller 1954. Center blue-red with fine thread like markings. Midsection silver. Border silver, blue thread like markings. Margin blue-red.
- R24 BRONZE CHARM (large) W. C. Mueller Spiral. Leaf a bronze-black-green with a red margin. Red stipules over entire leaf. 1954.
- R25 STORMY WEATHER (large) W. C. Mueller 1954. Spiral. Center red-blue-black. Midsection silver flushed pink. Border bright green. Margin red. White stipules.
- R26 EL DIABLO (Medium) S. B. Leatherman, 1954. Entire leaf is dark green-red-black. Red hairs and red underside. The very dark leaf resulting in the name is Spanish meaning The Devil.
- R27 EDWARD PLATNICO (Medium) S. B. Leatherman, 1954. Named for a buddy of our son, a Kansas boy. Served in the U.S.M.C. Dark green-black leaf with silver spots, and overlaid sections.

The above Rex Begonias.	\$1.50 ea.
3 for.	4.00
6 for.	7.50
12 for.	14.00

110. NEW TWIG (110)
Plants very small
Leaves with green
Stems reddish
Leaves have a red
tint
111. NEW TWIG (111)
Plants very small
Leaves with green
Stems reddish
Leaves have a red
tint
112. NEW TWIG (112)
Plants very small
Leaves with green
Stems reddish
Leaves have a red
tint
113. NEW TWIG (113)
Plants very small
Leaves with green
Stems reddish
Leaves have a red
tint
114. NEW TWIG (114)
Plants very small
Leaves with green
Stems reddish
Leaves have a red
tint
115. NEW TWIG (115)
Plants very small
Leaves with green
Stems reddish
Leaves have a red
tint
116. NEW TWIG (116)
Plants very small
Leaves with green
Stems reddish
Leaves have a red
tint
117. NEW TWIG (117)
Plants very small
Leaves with green
Stems reddish
Leaves have a red
tint
118. NEW TWIG (118)
Plants very small
Leaves with green
Stems reddish
Leaves have a red
tint
119. NEW TWIG (119)
Plants very small
Leaves with green
Stems reddish
Leaves have a red
tint
120. NEW TWIG (120)
Plants very small
Leaves with green
Stems reddish
Leaves have a red
tint

REX BEGONIAS

- R45 PETER PAN (large) Center of deep green, shade out into a bright green. Midsection silver-green, edged with deep red and bright green, overlaid with silver spots. Stiff red hairs are sparsely scattered over the top of the leaves.
- R46 SILVER SWEET (medium) Upright. The leaves have raised blister like sections, blue-gunmetal-gray, with veinings of deep blue-gray. Very fine edge of deep blue-gray, with silver spots.
- R47 VAN X #1 (medium) Upright. Tiny dark green eye center. Midsection of silver-green, deep pink casts. Edges have a deep green, irregular border, spotted silver.
- R48 VAN X #2 (medium) Upright. Dark green irregular center, dark veins. Midsection iridescent silver with pastel hues. Border bright green with small silver spots. Fine red edge.
- R49 SILVER CITATION (medium) Irregular reddish veinings in center, shadowed, pink flush. Midsection silver with blue hues. Tiny red edge.
- R50 J. W. MOODY (medium) S. B. Leatherman. Long leaves, slightly ruffled. Center veinings are almost black. Midsection, silver-green. Bright green border, gently splashed with silver, narrow margin of red. Upright.
- R51 GREEN RIVER (medium) Dark red-brown center and margin. Balance of leaf bright green with silver flecks and splashes.
- R52 CRIMSON GLOW (medium) Center and edge have a crimson cast. Midsection, silver-green. Entire leaf has very fine, irregular green markings.
- R53 ARNOLD PEEP (medium) Dark gray, irregular center. Border dark gray, with irregular raised blue-gray spots. Midsection, blue-gray, raised and blister-like.
- R54 RUTH ANN WILLIAMS (medium) Schwerdtfeger-Long leaf, small green-black center. Tiny red-brown margin. Border, irregular, bright green with a few silver spots. Midsection silver-blue-green with pink casts.
- R55 AUTUMN SEEDLING (medium) Center and edge a very dark wine-red. Midsection bright wine-red with a blue green under cast.
- R56 NAVAJO (medium) Deep maroon center. Brilliant rosey-red spreads and shades over the leaf. Rich deep maroon-red edge.
- R57 BIG BEAUTY (large) Spiral. Silver and green mottled leaves with fine red hairs. Olive-green center. Tiny pin spots of silver are sprinkled over the entire surface.
- R58 PRESIDENT CARNOT (large) Background of leaf is a very deep gray, almost black. Well raised silver blister like spots and splashes, irregularly scattered over entire leaf.
- R59 CATHLYANA (medium) Soft, hairy leaves. Center, veinings of dark green, edges light maroon. Midsection bright green. Veins are deeply indented. Entire leaf covered with white soft, tiny spots, each spot topped with a tiny red hair, thus giving a soft rosey cast to the leaf. Upright.
- R60 CARDOZA GARDENS (large) center dark maroon. Dark red edge with a bright green border which blends into a brilliant midsection of rosey hues and casts.
- R61 CURLY SILVER LAKE (large) Spiral. Silver leaf with dark indented veins. Raised pebbly sections that are finely lined or etched with dark irregular lines.

The above Rex Begonias.....	\$1.00 ea.
3 for.....	2.75
6 for.....	5.00
12 for.....	9.00

REX BEGONIAS

- R28 QUEEN OF HANOVER (large) Soft pea-green with a band of silver. Pink hairs over entire leaf giving a pink cast.
- R29 HELEN LEWIS (large) Center and border of leaf a rich deep red-purple. Midsection silver-blue.
- R30 49ER (medium) Schwerdtfeger. Spiral. Small bright green center. Midsection silver-green, shining, overcast with a rosey hue. Border bright green, silver spotted. Fine red hair-line edge.
- R31 GUY FEWKES (medium) Red-black center and margin. Deep green border. Raised silver sections topped with bright rose.
- R32 SMOG (large) Helen Bailey. Spiral. Center very dark green, tinged red. Midsection greenish silver. Edge dark red. Entire leaf is covered with predominate stiff red hairs which give a reddish hue to the leaf.
- R33 BERTHA MCGREGG OR (medium) Upright. Maple leaf type. Center deep maroon, slightly tinged red. Midsection blue-green-silver. Irregular green border, spotted silver.
- R34 STANLEY WILSON (large) Center and edge deep wine-red. Midsection silver overlaid with brilliant rose.
- R35 MRS. SHEPHERD (medium) Upright. Maple leaf shape. Dark, blue-green irregular center and margin. Midsection silver with pinkish cast. Border, green with irregular spots.
- R36 CURLY MULBERRY (medium) Dark mulberry center and border. Midsection of soft aqua-blue. Slightly spiraled and curled.
- R37 PIN-TEX (large) Center irregular, olive green. Midsection pea-green, raised, shining, tinged pink. Border olive-green with tiny silver pin point spots, topped with tiny white hairs.
- R38 SCARLET O'HARA (medium) Upright. Dark, almost black center and veinings. Brilliant rose midsections running into an irregular narrow border of silver.
- R39 COUNTESS LOUISE ERDODY (medium) Double spiral. Leaves twist and curl. Center grey-blue, this coloring veins out to the edge of the leaf. Midsection between the veins, raised silver-blue. Edges red and grey-blue. Leaf covered with stiff pink hairs giving a pink cast.
- R40 PATSY (medium) Irregular center of purple, shading out to red-purple. Midsection silver with casts of red-purple. Narrow border of purple and a scattering of silver spots.
- R41 CARMELITA (medium) Spiral. Midsection of silver-green with irregular veinings of red-brown in the center. Border of red-brown spotted with silver.
- R42 ROSETTA (large) Curled, spiral leaf. Center deep green, shading to bright green. Tiny edge of red. Sections between veins raise upward and are a brilliant green. The entire leaf has raised pin spots of silver, topped by fine red hairs.
- R43 LAVENDER GLOW (medium) Woodriff. Upright. Center, veining out, deep purple. Midsection, silver-blue, heavily overcast with bright lavender. Edge red-purple.
- R44 LESOUDESI (large) Center irregularly veined in dark greens, edges have a fine line of red. Border of dark green with tiny dots of silver. Balance of leaf is a medium green with a raised and blistered effect. Leaves attain a very large size.

The above Rex Begonias.....	\$1.00 ea.
3 for.....	2.75
6 for.....	5.00
12 for.....	9.00

1. The first part of the paper is devoted to a general discussion of the problem.

2. In the second part, we consider the case of a single particle.

3. The third part is devoted to the case of a system of particles.

4. In the fourth part, we consider the case of a continuous medium.

5. The fifth part is devoted to the case of a system of continuous media.

6. In the sixth part, we consider the case of a single continuous medium.

7. The seventh part is devoted to the case of a system of continuous media.

8. In the eighth part, we consider the case of a single continuous medium.

9. The ninth part is devoted to the case of a system of continuous media.

10. In the tenth part, we consider the case of a single continuous medium.

11. The eleventh part is devoted to the case of a system of continuous media.

12. In the twelfth part, we consider the case of a single continuous medium.

13. The thirteenth part is devoted to the case of a system of continuous media.

14. In the fourteenth part, we consider the case of a single continuous medium.

15. The fifteenth part is devoted to the case of a system of continuous media.

16. In the sixteenth part, we consider the case of a single continuous medium.

17. The seventeenth part is devoted to the case of a system of continuous media.

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16. In the sixteenth part, we consider the case of a single continuous medium.

17. The seventeenth part is devoted to the case of a system of continuous media.

FIBROUS BEGONIAS

Begonias with a fibrous root system. They vary in size and habit of growth. Some are tall can types and the "Angle Wing Begonias" are in this grouping, so called because of the shape of the leaf. Also classed in this group are the semperflora begonias, known to some as the "Wax Begonias" or "Bedding Begonias". There are also low growers, intermediate growers and the trailing types. The flowering season varies with the various varieties. Some are grown for their lovely flowers while others have beautiful foliage. The majority are of very easy culture. Each variety has its own characteristics.

- F01 MRS. FRED SCRIPPS Tall, bushy upright grower, Medium green leaves are lobed and rounded in a scalloped like effect, coming to a deep point at the base. The underside of the leaf is red and both sides of the leaf are covered with short, stiff hairs. The unusual characteristic is the tiny, ruffled leaf that forms as an auxiliary leaf at the stem axis on top of the large leaf. Dainty small, star-like, white flowers in clusters on long drooping stems, in winter and spring.
- F02 SCHARFFI (Also called Haagenana). Tall, upright grower that rapidly develops into a bushy plant. Olive-green leaves, red underneath, and very hairy. Large pendulous clusters of large white flowers on long stems that droop down over the foliage. The outside of the flower petals have red hairs and give the effect of pink blossoms. The individual fully opened flowers are about 1 in. in diameter. Commences to bloom in Oct., and continues to bloom until the following July.
- F03 MRS. W. A. WALLOW Bushy grower of medium height, to about 3 ft. tall. leaves rounded at the top and ending with a sharp point. The leaf is not flat but ripples and slightly curls, olive-green on top, underside is a bright red. Clusters of small pale pink to white flowers in summer and fall.
- F04 DWARF HOUGHTONI Similar to Scharffi but is a low, full, bushy and drooping grower. Very attractive grown in an elevated or hanging pot. The large clusters of white flowers droop down over the foliage.
- F05 #76221 (New York Botanical Gardens. Also called Mexican Species #2, but in all probability is one of nature's hybrids). Tall, upright, willowy grower. Shining green leaves with chocolate brown spots, that are not uniform as to spacing and size. Leaves are edged with fine white hairs. A shy bloomer but the foliage is unusual and attractive and compensates for the lack of bloom. Will also trail.
- F06 STITCH LEAF Round heart shaped leaves are green. Around the edges of the leaves there is a brown blanket stitching. The plant is a full droopy grower and is best grown as a trailing plant or trellised. Fully developed leaves $2\frac{1}{2}$ in. by 3 in. The flowers are tiny, in airy clusters and are white, pink mottled. The blooming period is from spring through summer.
- F07 DARK MAZAE Round leaves coming to a point. With different light and growing conditions the colors will vary considerably. The basic coloring is a dark green but blendings are mainly dark and medium shades of browns and bronze. The veinings on the underside of the leaf have a reddish cast. The edges of the leaves have brown markings like button hole stitching. The flowers are white and pink mottled. Blooming period runs from spring to fall. Full droopy grower. Best grown as a trailing plant or trellised. For best color effect give good light and keep out of direct rays of the sun.
- F08 CORBEILLE DE FEU (Also called Bertha de Chateau Rocher). Medium grower. Bushy and well branched. Slender stems with tiny, leaves of waxy bright green. Numerous small clusters of bright, coral-red flowers. Almost an everbloomer.

The above begonias.....\$1.00 ea.
 3 for.....2.75
 6 for.....5.00

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RHIZOMATOUS BEGONIAS

Begonias with a rhizomatous root system, similar to the root system of an Iris plant. The rhizomes on most varieties creep across the top of the soil. There are a few varieties that are upright growers or are more attractive if staked or trained to grow on a totem pole. In this group are the "star begonias", so called because of the shape of the leaf. The popular old favorite "Beefsteak Begonia" also comes under this classification. The majority of the rhizomatous begonias are of easy culture and adapt themselves readily to house culture. The flowering period of nearly all the varieties is from winter continuing to late spring.

- HO1 HERACLEICOTYLE (also called Mrs. Townsend). Thick, fleshy, green leaves, slightly lobed with seven points, flushed red underneath. The leaves grow to 5 in wide and 7 in. long. Compact clusters of deep pink flowers on stiff stems are held well above the foliage. Considered one of the most beautiful flowering begonias.
- HO2 SILVER STAR Beautiful foliage. The green leaves are overlaid with silver, the silver predominating. The 6 to 9 point leaves develop to about 5 in. wide and 6 in. long. The pale pink to white flowers are in clusters.
- HO3 GREEN STAR Attractive green leaves, flushed red underneath with from 6 to 9 points. Leaves develop to about 5 in. in diameter and 6 in. long. A full, bushy grower. Flowers are in clusters and are pale pink to white.
- HO4 JOE HAYDEN The 5 to 8 pointed leaves are of a deep red-black when grown where they do not receive too much strong light, dark red underside. They grow to about 5 in. in diameter and 6 in. long. Clusters of rose-pink flowers on stiff stems, held well above the foliage, are a beautiful contrast with the dark leaves.
- HO5 MEXICAN SPECIES C42 Bronzy-green leaves, 5 to 8 points. Lovely pink flowers held well above the foliage on long, stiff stems. Leaves develop to about 4 in. in diameter and 6 in. long. Full bushy grower.
- HO6 NELUMBIIFOLIA Large peltate leaves are almost round, on stiff stems, facing out with resemblance of the pond-lily pad. They become larger as plant matures, sometimes attaining a size of 18 in. White flowers, lightly tinged pink.
- HO7 ERYTHROPHYLLA (also called Feasti). "Beefsteak Begonia" (medium) The round fleshy leaves are an olive-green, glossy and glossy red underneath. Pale pink flowers on long drooping stems, in clusters, in profusion.
- HO8 BUNCHI ("Curly Beefsteak"). (Medium) Shining green leaves, red underneath, edges red-tinged. Marginal ruffles and crests. Same flowering habit as Erythrophylla.
- HO9 ERYTHROPHYLLA-HELIX ("Spiral Beefsteak") (Medium) Bright shining green leaves, red underneath. The ruffled leaves come to a full, deep spiral. Same flowering characteristics as Erythrophylla.
- H10 MANICATA AUREO-MACULATA (large) Rounded, bright, shining green leaves, edges are slightly pointed, hairy. With strong light yellow splashes and blotches form on the leaves, occasionally there will be rosey splotches. Collars of stiff red hairs on leaf stem, under leaf. Abundance of soft pink flowers on long drooping stems. Can either be grown upright or in a hanging container.

The above begonias.	\$1.00 ea.
3 for.	2.75
6 for.	5.00
12 for.	9.00

RARE AND EXOTIC FERNS

Ferns are very hard to describe in a language understandable by the hobbist. The Nomenclature of ferns is very confusing. Some ferns go under various names. The names on the varieties we list are to the best of our knowledge correct. However, the same fern may be grown under a different name in various sections of the world. We send complete culture instructions on ferns ordered. Ferns desire a cool, not cold, growing location. In mild climates many of the varieties are grown in the shade garden. We can furnish data on temperatures for customers living in mild climates. The following varieties are distinctly different in appearance.

- FN1 BLECHNUM BRASILIENSE Dwarf, coarse, tree fern. Brazil, Peru. Scaly trunk to 3 ft high. Leaves to 3 ft long and 15 in. wide. Individual leaves twist and curl. New fronds pink tinged. 6 in. pots only.....\$4.50 ea.
- FN2 PELLAEA FALCATA India to New Zealand. Small fern, nearly uniform leaves. Leaves to 1½ ft. long to 3 in. wide, leathery. 1-pinnate. Deep green with blue cast. 6 in. pots only.....\$3.50 ea.
- FN3 MICROLEPIA PLATYTHYLLA India to Japan Long graceful leaves on stiff stems, lower stem bare. Will develop to 8 ft. tall. 3-pinnatifid. Deeply cut and serrated. 6 in. pot only.....\$4.50 ea.
- FN4 MICROLEPIA SPELUNCIA Tropics, Long, graceful fronds to 5 ft. long, 8 in. wide. Finely, deeply, irregularly, cut and serrated. 1-3-pinnate. 6 in. pots only.....\$4.00 ea.
- FN5 SCOLOPENDRIUM CRISTATTA Europe. "Crested Harts Tongue Fern". Leathery, shining leaves to 1½ ft. long, 3 in. wide. Ends of leaves twist, split, curl and crest. Very exotic. 6 in. pots only.....\$4.50 ea.
- FN6 ALSOPHILA ROBUSTA Australia. Tree fern Differs from Alsophila Australis "Australian Tree Fern", more upright growing habit. 2½ in. pot...\$1.25 ea. 3 in. pot., \$2.00 ea.
- FN7 POLYPODIUM MANDIANUM "Bears Paw Fern". Tropics. Brown hairy or scaly rhizomes. Coarse, leathery leaves, to 4 ft. long, 1 ft. wide, deeply cut, on stiff stems. Edges of leaves fluted and curl. 2½ in. pots...\$1.00 ea. 3 in. pots...\$1.50 ea.
- DAVALLIA CANARIENSIS "Rabbit Foot Fern" Canary Islands, N. Africa. Rhizomes pale brown, crooked, hairy. Ends resemble a foot. Leaves to 1½ ft. long, 1 ft. wide. sharp toothed. Feet twist and wrap around growing container. Showy grown in shallow basket. 3 in. pots.....\$1.50 ea.
- DICKSONIA ANTARTICA Australia. Giant tree fern. Leaves to 6 ft. long. 3-pinnate. Finely cut. Finely cut. Develops into a very handsome specimen. 2½ in. pots...\$1.50 ea. 3 in pots...\$2.00 ea.
- POLYSTICHUM CAPENSE "Leatherleaf Fern". So. Africa. Leaves, triangular, on stiff stems, brown scuff on stems. Coarsely toothed, leathery, shining. 1-3-pinnate. 2½ in. pot...\$1.00 ea. 3 in. pot...\$1.50 ea.
- CIBOTIUM CHAMOSII "Hawaiian Tree Fern". Develops a trunk. Graceful, airy leaves These ferns we ship have been grown from spores they develop a superior root system than those grown from the dormant trunks. 2½ in. pot...\$1.-- ea. 3 in. pot...\$1.50 ea.
- CIBOTIUM SCHIEDEI Mexico, Guatamale. Due to the exotic beauty and gracefulness this fern is usually referred to as "The King of Ferns." Tall tree fern. Leaves to 5 ft. long, graceful, drooping. 3 in. pots.....\$3.50 ea.
- PELLAEA ADAINTOIDES "Clover Leaf Fern." Africa. Nearly uniform leaves on brown to black stems. To 2 ft. long, gracefully drooping. 2-3-pinnate. 2½ in. pots...\$1.00 ea. 3 in pots...\$1.50 ea.

LEATHERMAN'S CORDERS

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El Monte, - California

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